AIRPORT MASTER PLAN

FOR

CHINO

A·I·R·P·O·R·T

CHINO AIRPORT
San Bernardino County, California

AIRPORT MASTER PLAN

Prepared By

Coffman Associates, Inc.
Airport Consultants

In Association With

Associated Engineers
and
Dr. Lee McPheters

December 2003

CHINO AIRPORT

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San Bernardino County, California

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INTRODUCTION

Introduction

The Chino Airport master plan study has been undertaken to evaluate the airport's capabilities and role, to forecast future aviation demand, and to plan for the timely development of new or expanded facilities that may be required to meet that demand. The ultimate goal of the master plan is to provide systematic guidelines for the airport's overall maintenance, development, and operation.

The master plan is intended to be a proactive document which identifies and then plans for future facility needs well in advance of the actual need for the facilities. This is done to ensure that San Bernardino County can coordinate project approvals, design, financing, and construction in a timely manner prior to experiencing the detrimental effects of inadequate facilities.

An important result of the master plan is reserving sufficient areas for future facility needs. This protects development areas and ensures they will be readily available when required to meet future needs. The intended result is a detailed land use concept which outlines specific uses for all areas of airport property.

The preparation of this master plan is evidence that San Bernardino County recognizes the importance of air transportation to the community and the associated challenges inherent in providing for it's unique operating and improvement needs. The cost of maintaining an airport is an investment, which yields impressive benefits to the community. With a sound and realistic master plan, Chino Airport can maintain its role as an important link to the national air transportation system for the community and maintain the existing public and private investments in its facilities.

MASTER PLAN OBJECTIVES

The primary objective of the master plan is to formulate and maintain a long term development program which will yield a safe, efficient, economical, and environmentally acceptable air transportation facility. The accomplishment of this objective requires the evaluation of the existing airport and determination of what actions should be taken to maintain an adequate, safe, and reliable airport facility to meet the needs of the area. This master plan will provide an outline of necessary development and give those responsible advance notice of future airport funding needs so that appropriate steps can be taken to ensure that adequate funds are budgeted and planned.

Specific objectives of the Chino Airport master plan are:

- To preserve and protect the public and private investments in existing airport facilities;
- To enhance the safety of aircraft operations;
- To be reflective of community goals, needs, and plans;
- To ensure that future development is environmentally compatible;
- To establish a schedule of development priorities and a program to meet the needs of the proposed improvements in the master plan;
- To develop a plan that is responsive to air transportation demands;
- To develop an orderly plan for use of the airport;
- To coordinate this master plan with local, regional, state, and federal agencies, and;
- To develop active and productive public involvement throughout the planning process.

The master plan will accomplish these objectives by carrying out the following:

- Determining projected needs of airport users through the year 2025;
- Identifying existing and future facility needs;
- Evaluating future airport facility development alternatives which will optimize airport capacity and aircraft safety;
- Developing a realistic, common-sense plan for the use and/or expansion of the airport;
- Developing land use strategies for use of airport property;
- Establishing a schedule of development priorities and a program for improvements, and;
- Analyzing the airport's financial requirements for capital improvement needs and grant options.

MASTER PLAN ELEMENTS AND PROCESS

The Chino Airport master plan is being prepared in a systematic fashion following FAA guidelines and industry-accepted principles and practices. The master plan for Chino Airport has six general elements that are intended to assist in the discovery of future facility needs and provide the supporting rationale for their implementation. **Exhibit IA** provides a graphical depiction of the Chino Airport master plan process and elements.

Element One encompasses the inventory efforts. The inventory efforts are focused on collecting and assembling relevant data pertaining to the airport and the area it serves. Information is collected on existing airport facilities and operations. Local economic and demographic data is collected to define the local growth trends. Planning studies which may have relevance to the master plan are also collected. Information collected during the inventory efforts is summarized in Chapter One, Inventory.

Element Two examines the potential aviation demand for aviation activity at the airport. This analysis utilizes local socioeconomic information, as well as national air transportation trends to quantify the levels of aviation activity which can reasonably be expected to occur at Chino Airport though the year 2025. The results of this effort are used to determine the types and sizes of facilities which will be required to meet the projected aviation demands for Chino Airport through the planning period. The results of this analysis are presented in Chapter Two, Aviation Demand Forecasts.

Element Three comprises the facility requirements analysis. The intent of this analysis is to compare the existing facility capacities to forecast aviation demand and determine where deficiencies in capacities (as well as excess capacities) may exist. Where deficiencies are identified, the size and type of new facilities to accommodate the demand are identified. The airfield analysis focuses on improvements needed to serve the type of aircraft expected to operate at the airport in the future, as well as navigational aids to increase the safety and efficiency of operations. This element also examines aircraft storage hangar and apron needs. The findings of this analysis are presented in Chapter Three, Aviation Facility Requirements.

Element Four considers a variety of solutions to accommodate the projected facility needs. This element proposes various facility and site plan configurations which meet the projected facility needs. A thorough analysis is completed to identify the strengths and weaknesses of each proposed development alternative, with the intention of determining a single direction for development. These results are presented in Chapter Four, Airport Development Alternatives.

Element Five comprises two independent, yet interrelated, work efforts: a capital implementation program and airport plans. This element comprises Chapters Five and Six of the master plan. Chapter Five provides both a graphic and narrative

description of the recommended plan for the use, development, and operation of the airport. Specifics on environmental concerns are also provided. Appendix C to the master plan includes the official Airport Layout Plan (ALP) and detailed technical drawings depicting related airspace, land use, and property data. These drawings are used by the Federal Aviation Administration (FAA) in determining grant eligibility and funding. Chapter Six focuses on the capital needs program, which defines the schedules, costs, and funding sources for the recommended development projects.

COORDINATION

The Chino Airport master plan is of interest to many within the local community. This includes local citizens, community organizations, airport users, airport tenants, area-wide planning agencies, and aviation organizations. As an important component of the regional, state, and national aviation systems, the Chino Airport master plan is of importance to both state and federal agencies responsible for overseeing air transportation.

To assist in the development of the Chino Airport master plan, San Bernardino County has identified a cross-section of community members and interested persons to act in an advisory role in the development of the master plan. As members of the Planning Advisory Committee (PAC), the committee members will review phase reports and provide comments throughout the study to help ensure that a realistic, viable plan is developed.

To assist in the review process, draft phase reports are prepared at three milestones in the planning process as shown previously on **Exhibit IA**. The draft phase report process allows for input and review during each step within the master plan process to ensure that all master plan issues are fully addressed as the recommended program is developed.

A series of public information workshops are also included as part of the plan coordination. The public information workshops allow the public to provide input and learn about general information concerning the master plan.

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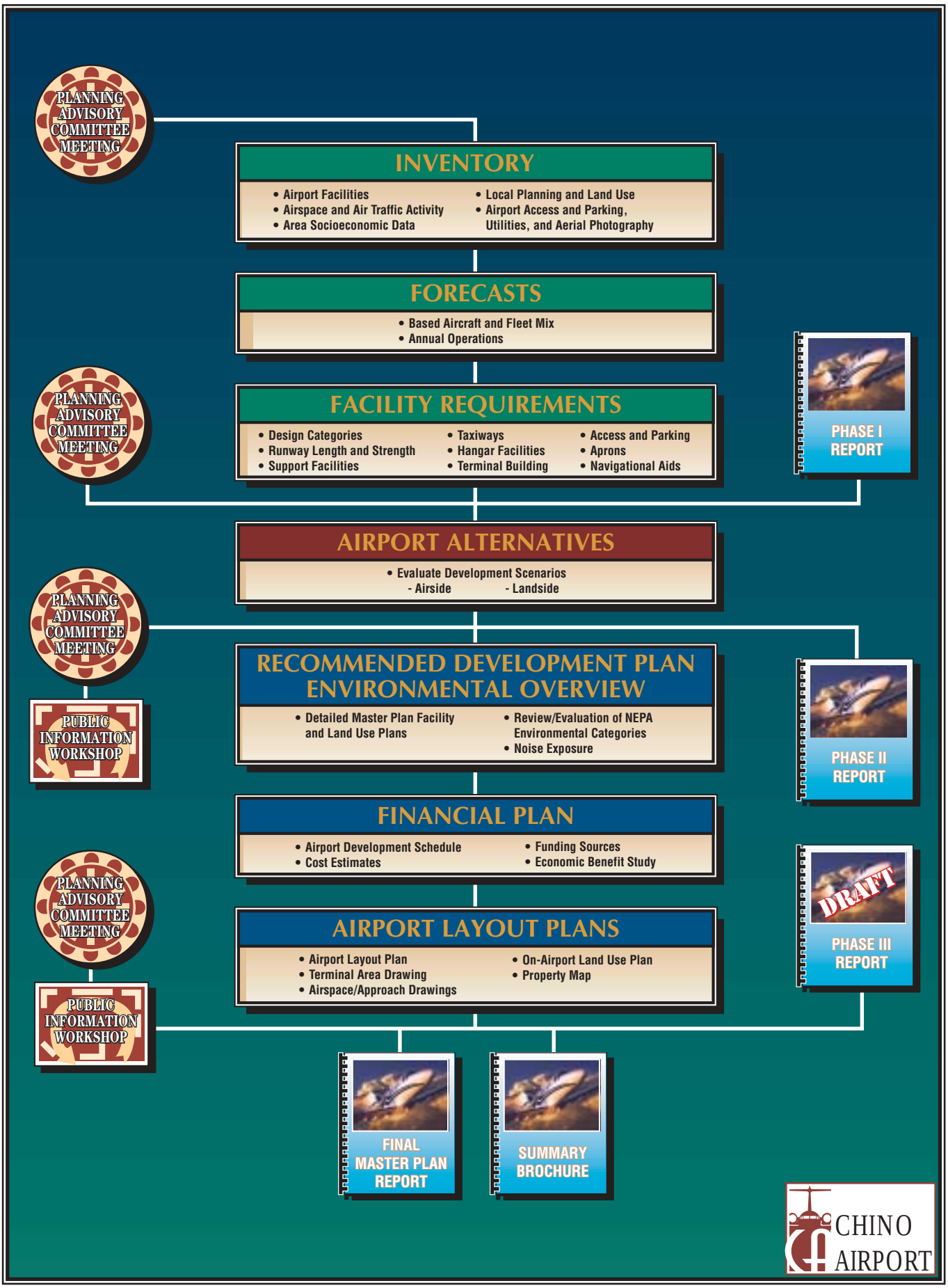

Exhibit IA
MASTER PLAN PROCESS